FIG. 1

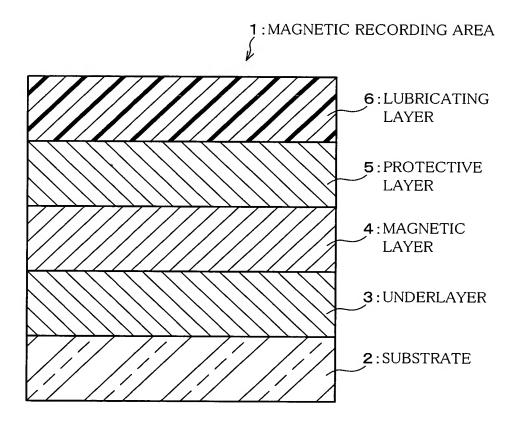


FIG. 2

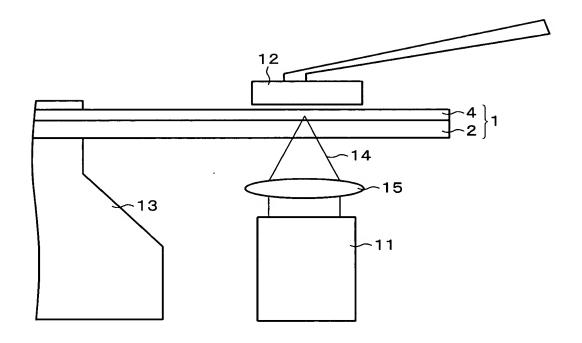
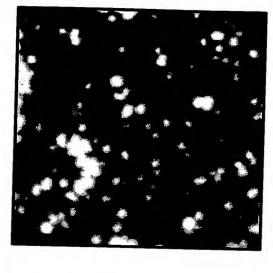
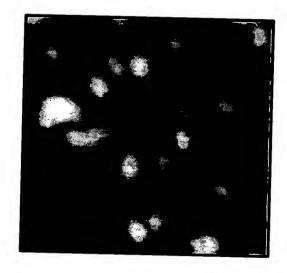


FIG. 3



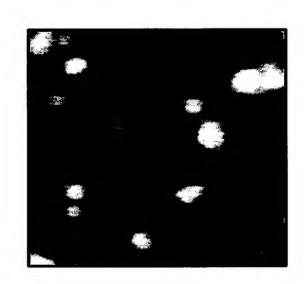
1<u>00 n</u>m

FIG. 4



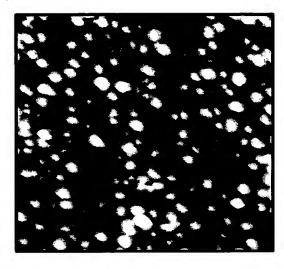
1<u>00 n</u>m

FIG. 5



1<u>00 n</u>m

FIG. 6



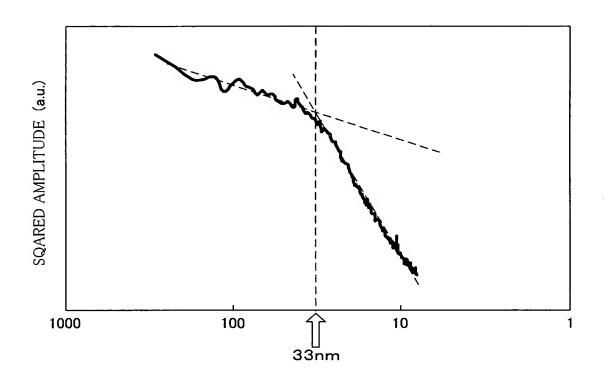
1<u>00 n</u>m

FIG. 7

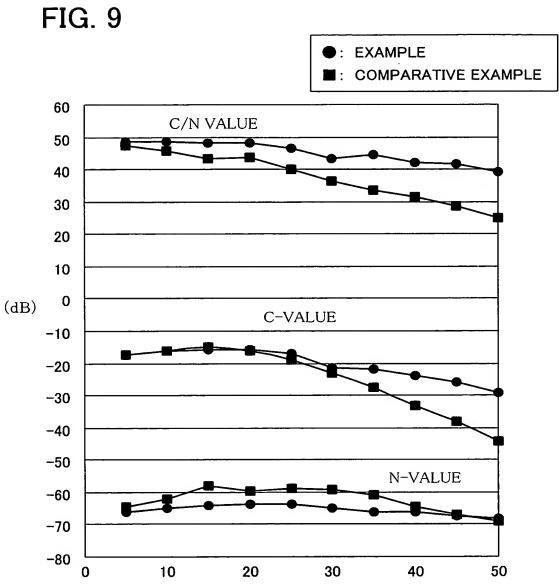


1<u>00 n</u>m

FIG. 8



WAVE LENGTH (DIAMETER OF BUMP) (nm)



RECORDING FREQUENCY (MHz)

FIG. 10

DIAMETER D OF THE BUMD ON THE SURFACE OF THE MEDIA

◆: 20nm●: 10nm

■: WITHOUT UNDER LAYER

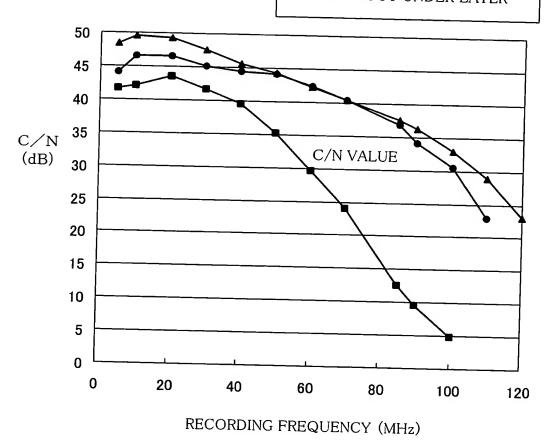
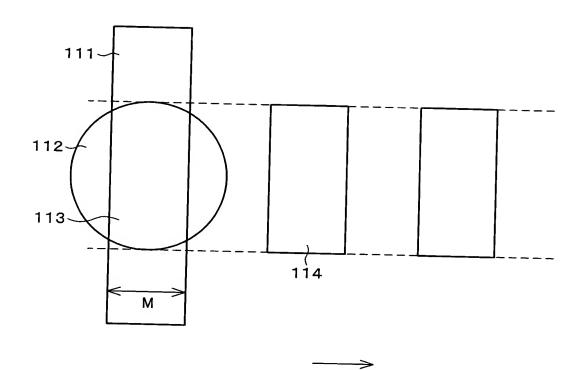


FIG. 11 PRIOR ART



TRACK DIRECTION

FIG. 12

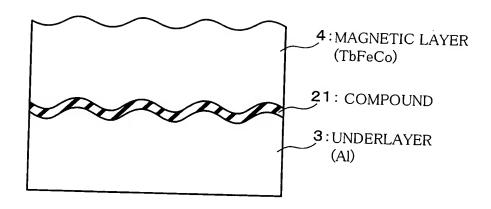
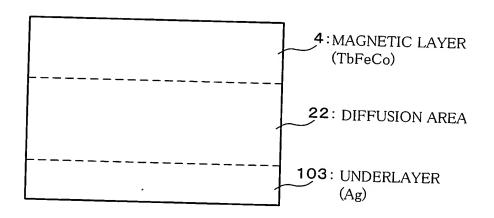


FIG. 13



3.)